

OPERATIONS & MAINTENANCE



**US Army Corps
of Engineers** ®
San Francisco District

Project Map

NOYO RIVER AND HARBOR CALIFORNIA

CONGRESSIONAL DISTRICT: 1st District, Rep. Mike Thompson

PROJECT DESCRIPTION: This project is a shallow-draft harbor of refuge, supporting a Coast Guard search and rescue station, commercial and sport fishing, and recreational boating. The operations and maintenance schedule provides for annual inspection and periodic repair of entrance jetties and for 2-year cycle maintenance dredging of the Entrance and River Channels to -10 feet Mean Lower Low Water (MLLW). The sponsor (Noyo Harbor District) is responsible for furnishing a suitable upland dredged material disposal site for the project.

FISCAL YEAR 03 BUDGET: \$0

PRESENT STATUS: The last inspection of the entrance jetties was conducted in the summer of 2001. A condition index (CI) number of 74 was assigned to both the north and south jetties. Condition indices range from 1 to 100, with below 40 considered inadequate and repair to be critical. Maintenance dredging was last conducted in November 2000. The upland disposal site is full. The sponsor is interested in participating in new upland site cost-sharing provided for in the 1996 Water Resources Development Act (WRDA). A preliminary Dredged Material Management Plan (DMMP) study concluded that a new upland dredged material site is economically justified. Additional FY02 funds are needed to initiate and complete a DMMP decision document.

In 1997 the Corps completed a final draft General Design Memorandum that addressed a detached rubble mound breakwater to significantly reduce wave energy entering Noyo harbor, with minimum interference to navigation, in conjunction with wave power generation (of offset local sponsor costs). By letter dated 26 February, 1997, the local sponsor withdrew their support for continued wave power studies, reiterated their support for the selected breakwater plan, and stated their inability to share in the project costs.

FUTURE EFFORTS: A jetty inspection is scheduled for the summer of 2003 subject to availability of funds, and an updated structural assessment and overall condition index evaluation report will be prepared to determine needed repairs. Subject to availability of funds, maintenance dredging is scheduled for FY 03. Additional, non-federal Support for Others work is anticipated for dredging non-federal mooring areas in conjunction with the Federal maintenance dredging.

